

Treatment	Concentration	% of activated control
Control	-	0
Ribavirin	1, 2, 5, 10, 20, 50, 250, 500, 1000, 2000, 5000, 10000 μ M	~10, ~15, ~20, ~25, ~30, ~25, ~-5, ~-10, ~-15, ~-20, ~-25, ~-30
IFN α	1, 5, 10, 20, 50, 100, 200, 500, 1000 U	~5, ~10, ~15, ~20, ~25, ~30, ~35, ~35, ~35

Condition	Concentration	% of activated control
IL-4	1, 2, 5, 10, 20, 50, 250, 500, 1000, 2000, 5000, 10000	0
Ribavirin	1, 2, 5, 10, 20, 50	-10, -25, -40, -55, -65, -70
IFNα	250, 500, 1000, 2000, 5000, 10000	-2, -5, -10, -15, -20, -25
Ribavirin + IFNα	(10000 U IFNα, 1 μM Ribavirin)	-75

Bar chart showing the effect of IFN α on Rhabovirin-induced activation of T cells. The y-axis represents '% of activated control' from -45 to 15. The x-axis shows Rhabovirin concentration (μ M) and IFN α concentration (IU). The chart shows that Rhabovirin alone induces a strong activation (approx. 10% of control) at 10000 μ M. The addition of IFN α at various concentrations (1 to 10000 IU) significantly reduces this activation, with the highest concentrations of IFN α (5000 and 10000 IU) showing the most pronounced inhibitory effect, reaching approximately -40% of control.

Rhabovirin (μ M)	IFN α (IU)	% of activated control
1	1	~10
2	1	~10
5	1	~10
10	1	~10
20	1	~10
50	1	~10
250	1	~10
500	1	~10
1000	1	~10
2000	1	~10
5000	1	~10
10000	1	~10
1	2	~10
2	2	~10
5	2	~10
10	2	~10
20	2	~10
50	2	~10
250	2	~10
500	2	~10
1000	2	~10
2000	2	~10
5000	2	~10
10000	2	~10
1	5	~10
2	5	~10
5	5	~10
10	5	~10
20	5	~10
50	5	~10
250	5	~10
500	5	~10
1000	5	~10
2000	5	~10
5000	5	~10
10000	5	~10
1	10	~10
2	10	~10
5	10	~10
10	10	~10
20	10	~10
50	10	~10
250	10	~10
500	10	~10
1000	10	~10
2000	10	~10
5000	10	~10
10000	10	~10
1	20	~10
2	20	~10
5	20	~10
10	20	~10
20	20	~10
50	20	~10
250	20	~10
500	20	~10
1000	20	~10
2000	20	~10
5000	20	~10
10000	20	~10
1	50	~10
2	50	~10
5	50	~10
10	50	~10
20	50	~10
50	50	~10
250	50	~10
500	50	~10
1000	50	~10
2000	50	~10
5000	50	~10
10000	50	~10
1	100	~10
2	100	~10
5	100	~10
10	100	~10
20	100	~10
50	100	~10
250	100	~10
500	100	~10
1000	100	~10
2000	100	~10
5000	100	~10
10000	100	~10
1	200	~10
2	200	~10
5	200	~10
10	200	~10
20	200	~10
50	200	~10
250	200	~10
500	200	~10
1000	200	~10
2000	200	~10
5000	200	~10
10000	200	~10
1	500	~10
2	500	~10
5	500	~10
10	500	~10
20	500	~10
50	500	~10
250	500	~10
500	500	~10
1000	500	~10
2000	500	~10
5000	500	~10
10000	500	~10
1	1000	~10
2	1000	~10
5	1000	~10
10	1000	~10

Figure 1D

FIGURE 1

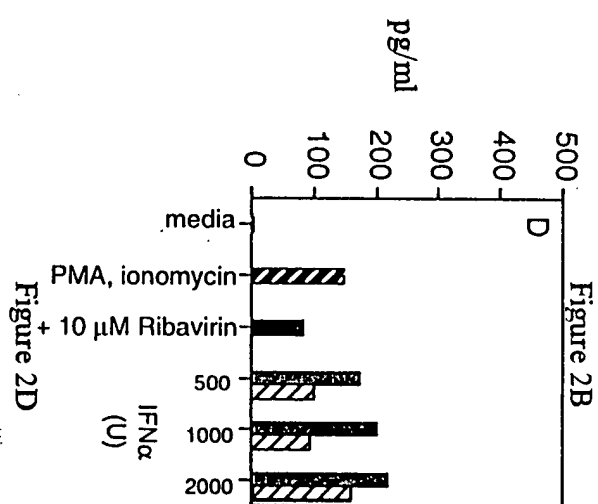
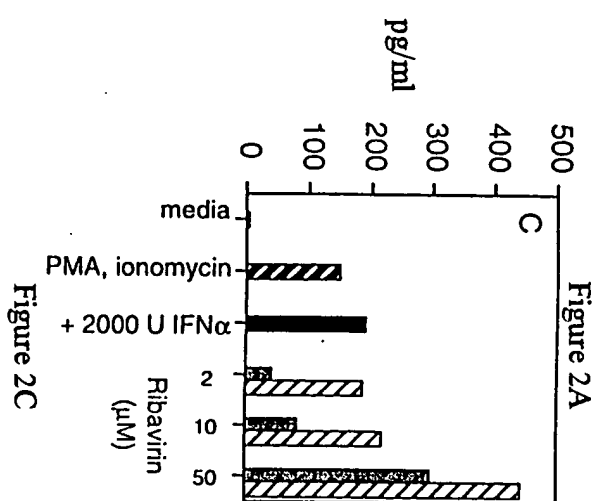
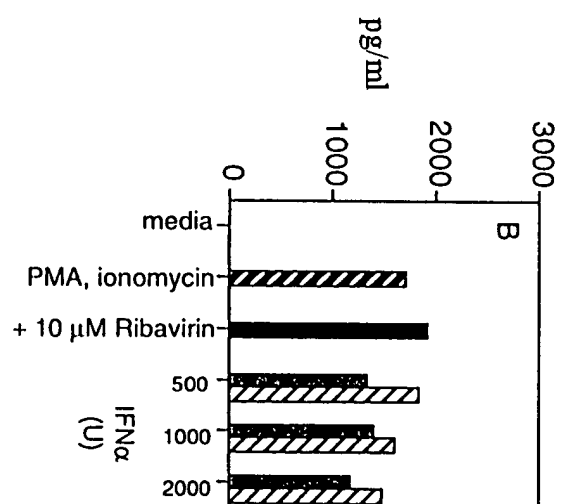
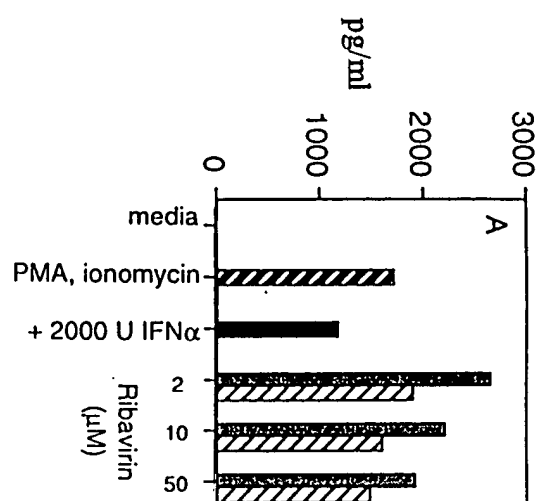


FIGURE 2

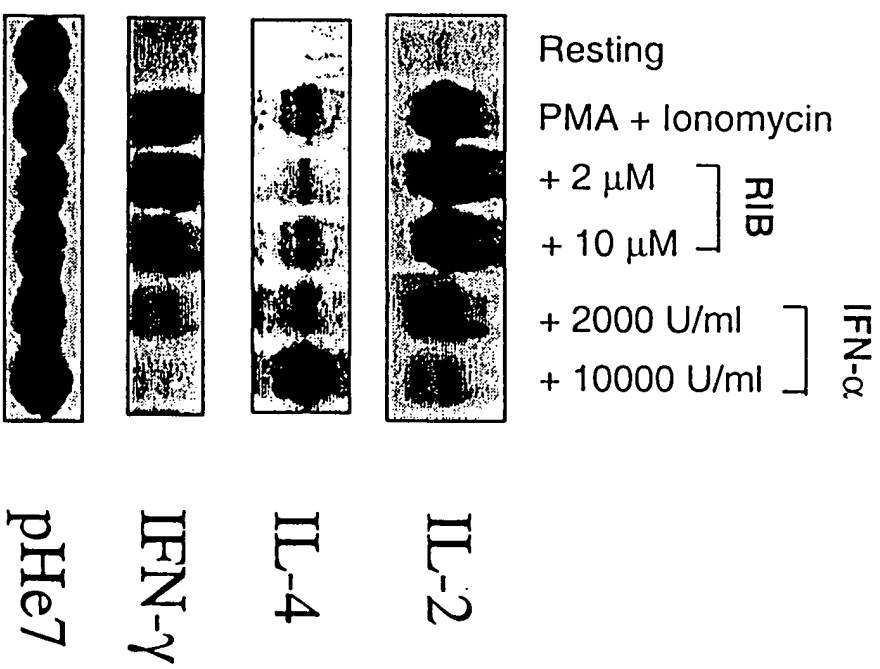


FIGURE 3

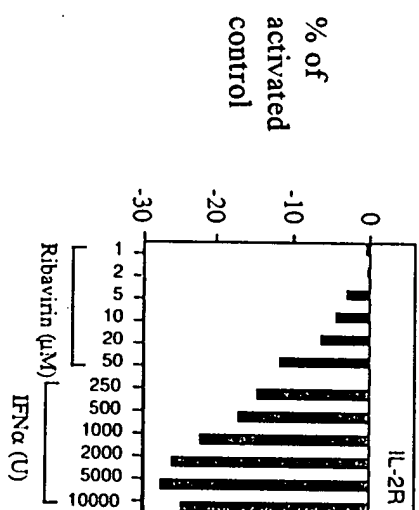


Figure 4A

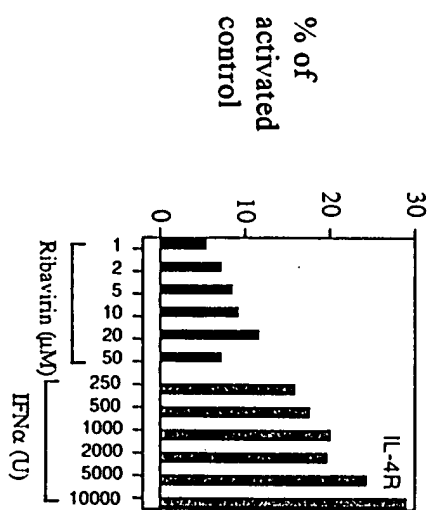


Figure 4B

FIGURE 4

IL-2 PE

CD4 FITC

91%

IL-2 PE

CD8 FITC

F

67%

Figure 5H

[illegible]

**% of
activated
control**

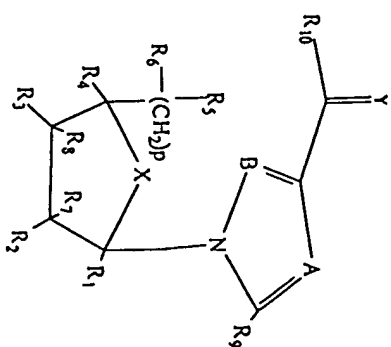


Figure 6A

% of activated control	
0	
10	
20	
30	
40	
50	
60	
70	
80	
90	
100	

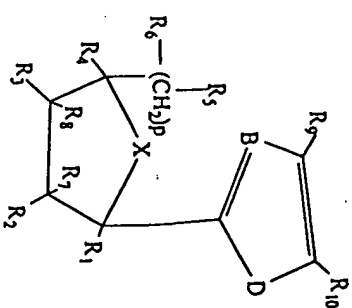


Figure 6B

**% of
activated
control**

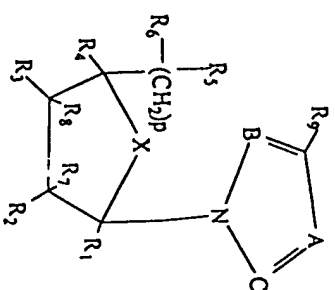


Figure 6C

	% of activated control
1. Ca^{2+} release	100
2. Ca^{2+} influx	100
3. Ca^{2+} extrusion	100
4. Ca^{2+} binding	100
5. Ca^{2+} sequestration	100
6. Ca^{2+} efflux	100
7. Ca^{2+} uptake	100
8. Ca^{2+} release	100
9. Ca^{2+} influx	100
10. Ca^{2+} extrusion	100
11. Ca^{2+} binding	100
12. Ca^{2+} sequestration	100
13. Ca^{2+} efflux	100
14. Ca^{2+} uptake	100
15. Ca^{2+} release	100
16. Ca^{2+} influx	100
17. Ca^{2+} extrusion	100
18. Ca^{2+} binding	100
19. Ca^{2+} sequestration	100
20. Ca^{2+} efflux	100
21. Ca^{2+} uptake	100
22. Ca^{2+} release	100
23. Ca^{2+} influx	100
24. Ca^{2+} extrusion	100
25. Ca^{2+} binding	100
26. Ca^{2+} sequestration	100
27. Ca^{2+} efflux	100
28. Ca^{2+} uptake	100
29. Ca^{2+} release	100
30. Ca^{2+} influx	100
31. Ca^{2+} extrusion	100
32. Ca^{2+} binding	100
33. Ca^{2+} sequestration	100
34. Ca^{2+} efflux	100
35. Ca^{2+} uptake	100
36. Ca^{2+} release	100
37. Ca^{2+} influx	100
38. Ca^{2+} extrusion	100
39. Ca^{2+} binding	100
40. Ca^{2+} sequestration	100
41. Ca^{2+} efflux	100
42. Ca^{2+} uptake	100
43. Ca^{2+} release	100
44. Ca^{2+} influx	100
45. Ca^{2+} extrusion	100
46. Ca^{2+} binding	100
47. Ca^{2+} sequestration	100
48. Ca^{2+} efflux	100
49. Ca^{2+} uptake	100
50. Ca^{2+} release	100
51. Ca^{2+} influx	100
52. Ca^{2+} extrusion	100
53. Ca^{2+} binding	100
54. Ca^{2+} sequestration	100
55. Ca^{2+} efflux	100
56. Ca^{2+} uptake	100
57. Ca^{2+} release	100
58. Ca^{2+} influx	100
59. Ca^{2+} extrusion	100
60. Ca^{2+} binding	100
61. Ca^{2+} sequestration	100
62. Ca^{2+} efflux	100
63. Ca^{2+} uptake	100
64. Ca^{2+} release	100
65. Ca^{2+} influx	100
66. Ca^{2+} extrusion	100
67. Ca^{2+} binding	100
68. Ca^{2+} sequestration	100
69. Ca^{2+} efflux	100
70. Ca^{2+} uptake	100
71. Ca^{2+} release	100
72. Ca^{2+} influx	100
73. Ca^{2+} extrusion	100
74. Ca^{2+} binding	100
75. Ca^{2+} sequestration	100
76. Ca^{2+} efflux	100
77. Ca^{2+} uptake	100
78. Ca^{2+} release	100
79. Ca^{2+} influx	100
80. Ca^{2+} extrusion	100
81. Ca^{2+} binding	100
82. Ca^{2+} sequestration	100
83. Ca^{2+} efflux	100
84. Ca^{2+} uptake	100
85. Ca^{2+} release	100
86. Ca^{2+} influx	100
87. Ca^{2+} extrusion	100
88. Ca^{2+} binding	100
89. Ca^{2+} sequestration	100
90. Ca^{2+} efflux	100
91. Ca^{2+} uptake	100
92. Ca^{2+} release	100
93. Ca^{2+} influx	100
94. Ca^{2+} extrusion	100
95. Ca^{2+} binding	100
96. Ca^{2+} sequestration	100
97. Ca^{2+} efflux	100
98. Ca^{2+} uptake	100
99. Ca^{2+} release	100
100. Ca^{2+} influx	100

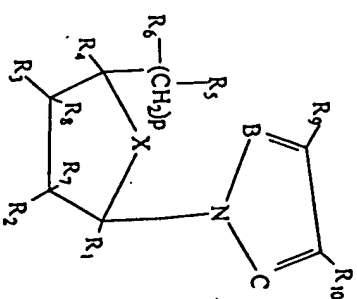


Figure 6D

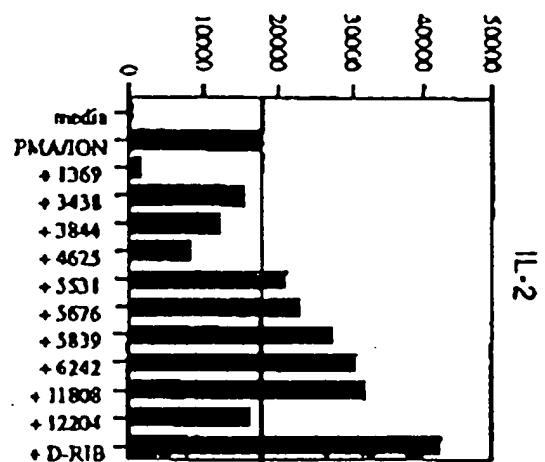


Figure 7A

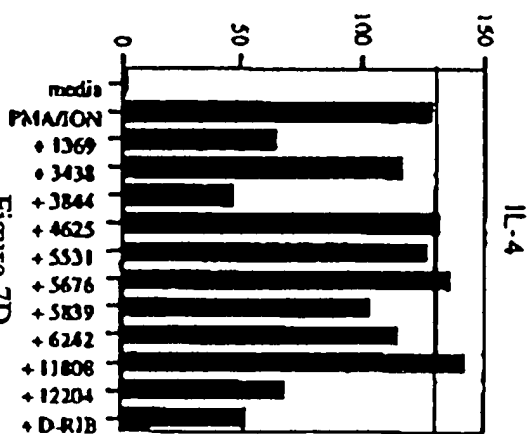


Figure 7D

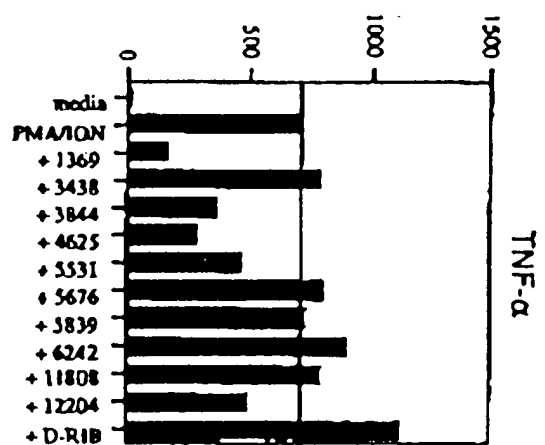


Figure 7B

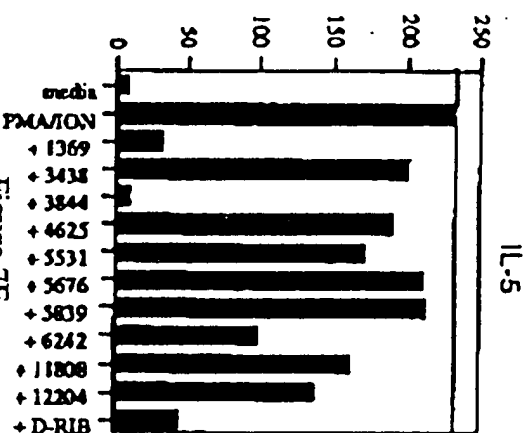


Figure 7E

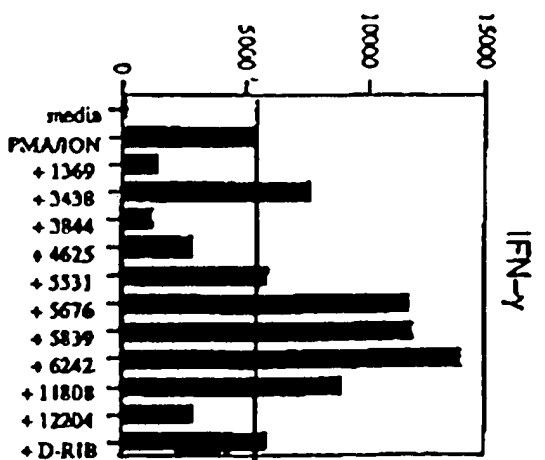


Figure 7C